

Fig. 3

A

peptide 1: GGGQWLGTWEWYGPK (10)
 2: YEKISVEGIKDVRVR (9)
 3: NVSIEGVLYYYRGLR (6)
 4: RSCGLDYEGYWLKLK (13)
 5: SRWLEEEVSRLLLLR (6)
 6: GEALDRFEREMKLMR (1)

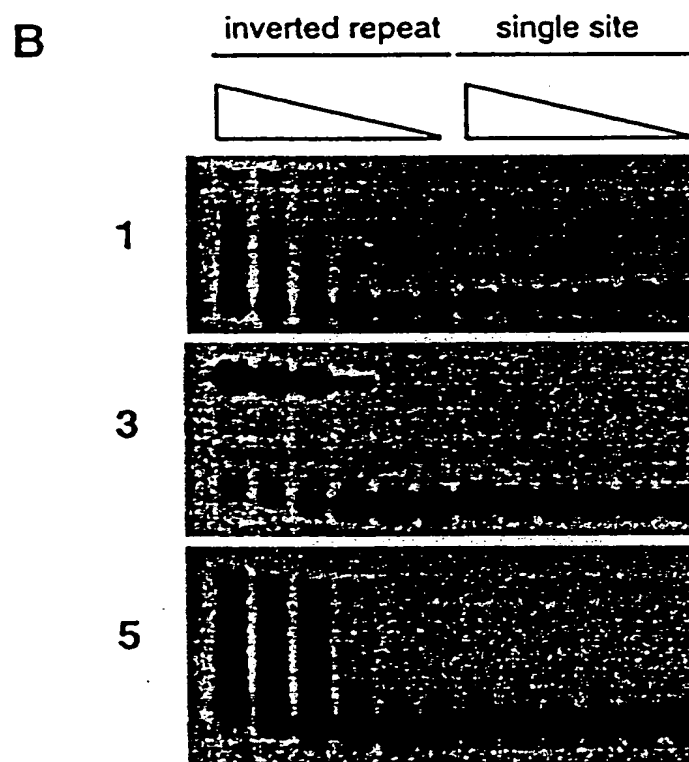


Fig. 4

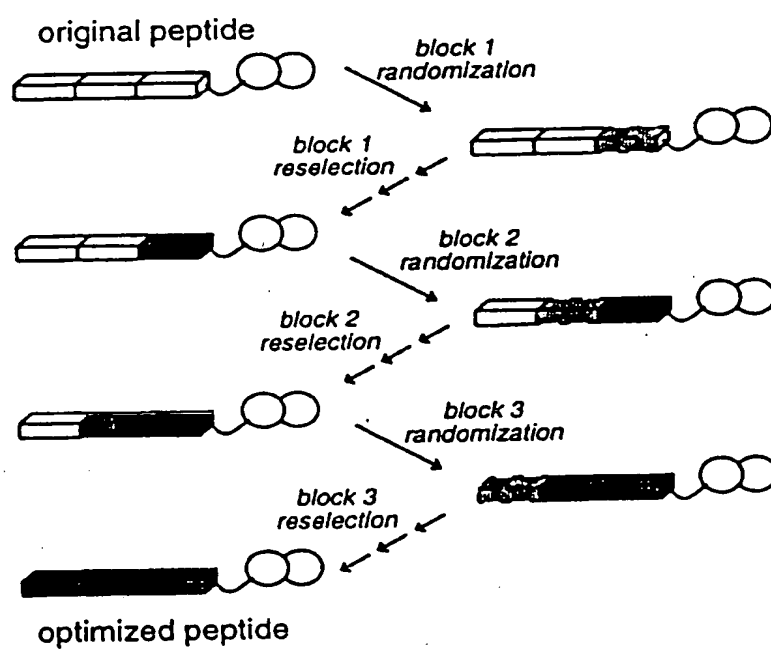


Fig. 5

peptide 1 GGGQW LGTWE WYGPk - Zif12

Step 1
(Cycle 6)
GGGQW LGTWE HPKMK
GGGQW LGTWE PAKIR
GGGQW LGTWE VPKSR
GGGQW LGTWE VPKLR
GGGQW LGTWE APKLR
GGGQW LGTWE HAKIR
GGGQW LGTWE VPKMR
GGGQW LGTWE VPKMR

Step 1
(Cycle 9)
GGGQW LGTWE VPKQR E21D

Step 2
(Cycle 9)
GGGQW LLNYK VPKQR
GGGQW LLNYV VPKQR
GGGQW LLDYI VPKQR
GGGQW LLNYI VPKQR
GGGQW LLQYV VPKQR
GGGQW LLNYV VPKQR
GGGQW LLEYK VPKQR
GGGQW LLDYV VPKQR

Step 3
(Cycle 6)
HPMNN LLNYV VPKMR
HPMNN LLNYV VPKMR
PPSTE LLNYV VRKLR
QKYGD LLNYV VRKLR
ENYEK LLNYV VRKLR
ENYEK LLNYV VRKLR

peptide 1* HPMNN LLNYV VPKMR - Zif12

peptide 1* ENYEK LLNYV VRKLR - Zif12
(variant)

peptide 5 SRWLE EEVSR LLLLR - Zif12

Step 1
(Cycle 9)
FRWLE EEVSR MRLWR
FRWLE EEVSR MRGWK
FRWLE EEVSR MRGWK
SRWLE EEVSR MRKWR
SRWLE EEVSR MRKWR
SRWLE EEVSR MRKWR
SRWLE EEVSR MRKWK
SRWLE EEVSR MGVMR E21D

Step 2
(Cycle 6)
SRWLE EYLES MRKWR
SRWLE DYTQ MRKWR
SRWLE DYLD MRKWR
SRWLE EYLT MRKWR
SRWLE QYLED MRKWR
SRWLE DYSQ MRKWR
SRWLE SYLDK MRKWR
SRWLE EYMSD MRKWR

Step 3
(Cycle 6)
QPWLT EYLES MRKWR
PPWLI EYLES MRKWR
PPWLK EYLES MRKWR
PAWLT EYLES MRKWR
PAWLA EYLES MRKWR
WAWLD EYLES MRKWR
PPWLK EYLES MRKWR
PTWLT EYLES MRKWR

peptide 5* PAWLT EYLES MRKWR - Zif12



Fig. 6

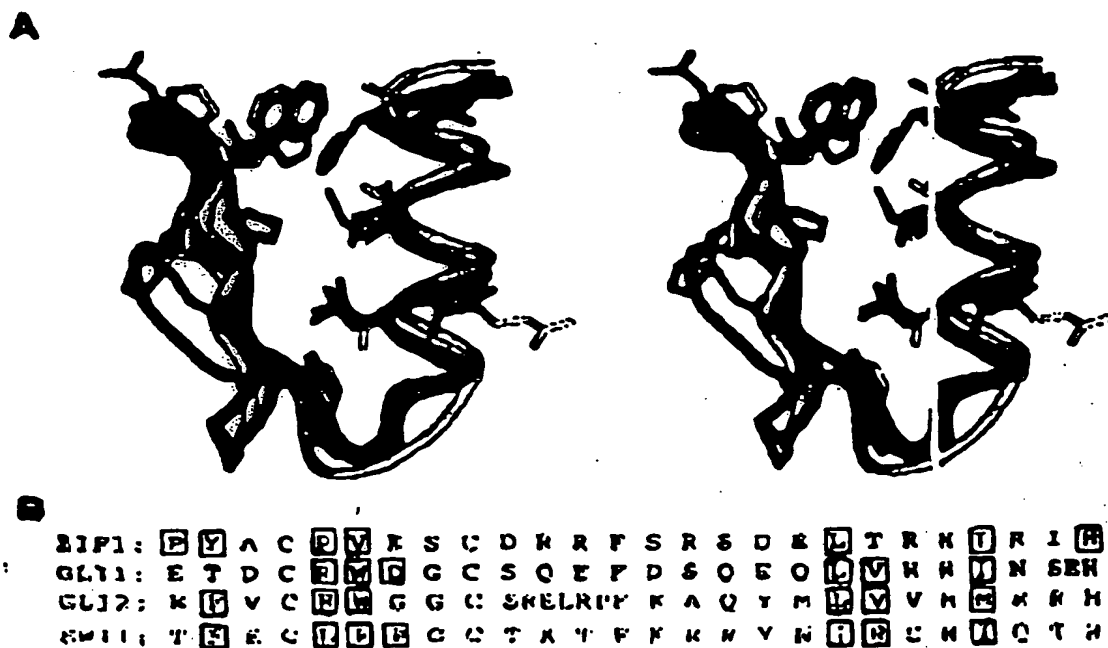


Figure 7

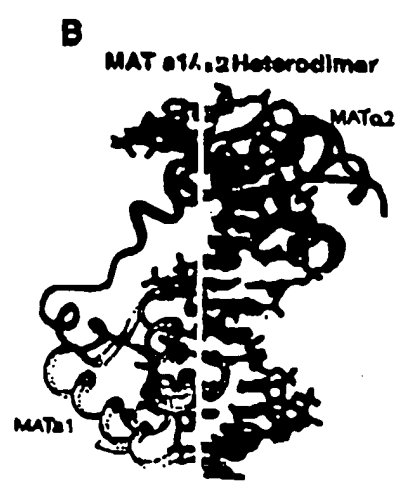


Fig 8

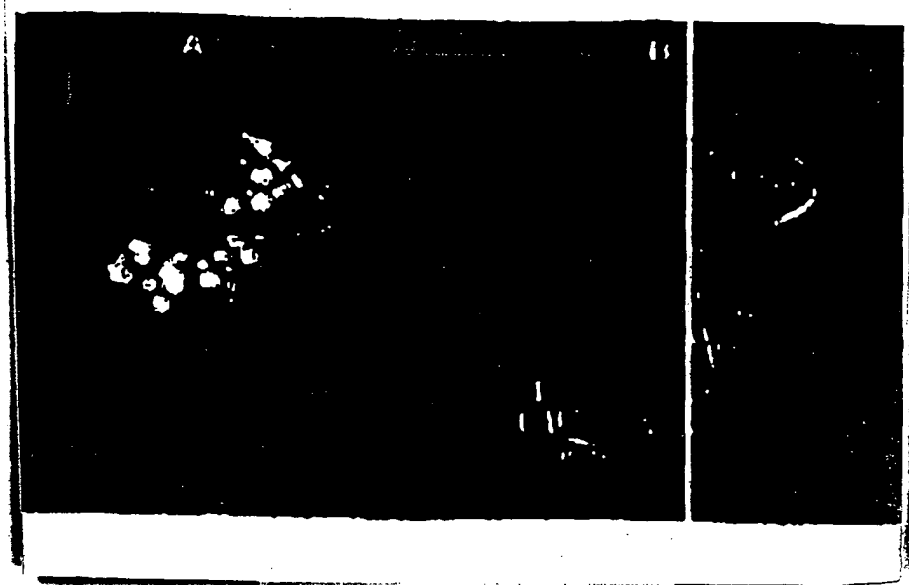


Fig 9